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22

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<400> 8  
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20

<210> 9  
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26

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Fig. 1

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gctgtccat	ttccttctaa	acagtag				3507

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Fig. 2

Met Lys Lys Phe Ser Arg Met Pro Lys Ser Glu Gly Gly Ser Gly Gly  
 1 5 10 15  
 Gly Ala Ala Gly Gly Ala Gly Gly Ala Gly Ala Gly Ala Gly Cys  
 20 25 30  
 Gly Ser Gly Gly Ser Ser Val Gly Val Arg Val Phe Ala Val Gly Arg  
 35 40 45  
 His Gln Val Thr Leu Glu Glu Ser Leu Ala Glu Gly Gly Phe Ser Thr  
 50 55 60  
 Val Phe Leu Val Arg Thr His Gly Gly Ile Arg Cys Ala Leu Lys Arg  
 65 70 75 80  
 Met Tyr Val Asn Asn Met Pro Asp Leu Asn Val Cys Lys Arg Glu Ile  
 85 90 95  
 Thr Ile Met Lys Glu Leu Ser Gly His Lys Asn Ile Val Gly Tyr Leu  
 100 105 110  
 Asp Cys Ala Val Asn Ser Ile Ser Asp Asn Val Trp Glu Val Leu Ile  
 115 120 125  
 Leu Met Glu Tyr Cys Arg Ala Gly Gln Val Val Asn Gln Met Asn Lys  
 130 135 140  
 Lys Leu Gln Thr Gly Phe Thr Glu Pro Glu Val Leu Gln Ile Phe Cys  
 145 150 155 160  
 Asp Thr Cys Glu Ala Val Ala Arg Leu His Gln Cys Lys Thr Pro Ile  
 165 170 175  
 Ile His Arg Asp Leu Lys Val Glu Asn Ile Leu Leu Asn Asp Gly Gly  
 180 185 190  
 Asn Tyr Val Leu Cys Asp Phe Gly Ser Ala Thr Asn Lys Phe Leu Asn  
 195 200 205  
 Pro Gln Lys Asp Gly Val Asn Val Val Glu Glu Ile Lys Tyr  
 210 215 220  
 Thr Thr Leu Ser Tyr Arg Ala Pro Glu Met Ile Asn Leu Tyr Gly Gly  
 225 230 235 240  
 Lys Pro Ile Thr Thr Lys Ala Asp Ile Trp Ala Leu Gly Cys Leu Leu  
 245 250 255  
 Tyr Lys Leu Cys Phe Phe Thr Leu Pro Phe Gly Glu Ser Gln Val Ala  
 260 265 270  
 Ile Cys Asp Gly Asn Phe Thr Ile Pro Asp Asn Ser Arg Tyr Ser Arg  
 275 280 285  
 Asn Ile His Cys Leu Ile Arg Phe Met Leu Glu Pro Asp Pro Glu His  
 290 295 300  
 Arg Pro Asp Ile Phe Gln Val Ser Tyr Phe Ala Phe Lys Phe Ala Lys  
 305 310 315 320  
 Lys Asp Cys Pro Val Ser Asn Ile Asn Asn Ser Ser Ile Pro Ser Ala  
 325 330 335  
 Leu Pro Glu Pro Met Thr Ala Ser Glu Ala Ala Arg Lys Ser Gln  
 340 345 350  
 Ile Lys Ala Arg Ile Thr Asp Thr Ile Gly Pro Thr Glu Thr Ser Ile  
 355 360 365  
 Ala Pro Arg Gln Arg Pro Lys Ala Asn Ser Ala Thr Thr Ala Thr Pro  
 370 375 380  
 Ser Val Leu Thr Ile Gln Ser Ser Ala Thr Pro Val Lys Val Leu Ala  
 385 390 395 400  
 Pro Gly Glu Phe Gly Asn His Arg Pro Lys Gly Ala Leu Arg Pro Gly  
 405 410 415  
 Asn Gly Pro Glu Ile Leu Leu Gly Gln Gly Pro Pro Gln Gln Pro Pro  
 420 425 430  
 Gln Gln His Arg Val Leu Gln Gln Leu Gln Gln Gly Asp Trp Arg Leu  
 435 440 445  
 Gln Gln Leu His Leu Gln His Arg His Pro His Gln Gln Gln Gln Gln  
 450 455 460  
 Gln  
 465 470 475 480

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Fig. 2 (continued)

Gln Gln Gln Gln Gln His His His His His His His His His Leu Leu  
 485 490 495  
 Gln Asp Ala Tyr Met Gln Gln Tyr Gln His Ala Thr Gln Gln Gln  
 500 505 510  
 Met Leu Gln Gln Gln Phe Leu Met His Ser Val Tyr Gln Pro Gln Pro  
 515 520 525  
 Ser Ala Ser Gln Tyr Pro Thr Met Met Pro Gln Tyr Gln Gln Ala Phe  
 530 535 540  
 Phe Gln Gln Gln Met Leu Ala Gln His Gln Pro Ser Gln Gln Ala  
 545 550 555 560  
 Ser Pro Glu Tyr Leu Thr Ser Pro Gln Glu Phe Ser Pro Ala Leu Val  
 565 570 575  
 Ser Tyr Thr Ser Ser Leu Pro Ala Gln Val Gly Thr Ile Met Asp Ser  
 580 585 590  
 Ser Tyr Ser Ala Asn Arg Gln Val Phe Phe Gln Ser Val Ala Asp Lys  
 595 600 605  
 Glu Ala Ile Ala Asn Phe Thr Asn Gln Lys Asn Ile Ser Asn Pro Pro  
 610 615 620  
 Asp Met Ser Gly Trp Asn Pro Phe Gly Glu Asp Asn Phe Ser Lys Leu  
 625 630 635 640  
 Thr Glu Glu Glu Leu Leu Asp Arg Glu Phe Asp Leu Leu Arg Ser Asn  
 645 650 655  
 Arg Leu Glu Glu Arg Ala Ser Ser Asp Lys Asn Val Asp Ser Leu Ser  
 660 665 670  
 Ala Pro His Asn His Pro Pro Glu Asp Pro Phe Gly Ser Val Pro Phe  
 675 680 685  
 Ile Ser His Ser Gly Lys Gly Ser Pro Glu Lys Lys Ala Glu His Ser  
 690 695 700  
 Ser Ile Asn Gln Glu Asn Gly Thr Ala Asn Pro Ile Lys Asn Gly Lys  
 705 710 715 720  
 Thr Ser Pro Ala Ser Lys Asp Gln Arg Thr Gly Lys Lys Thr Ser Val  
 725 730 735  
 Gln Gly Gln Val Gln Lys Gly Asn Asp Glu Ser Glu Ser Asp Phe Glu  
 740 745 750  
 Ser Asp Pro Pro Ser Pro Lys Ser Ser Glu Glu Glu Gln Asp Asp  
 755 760 765  
 Glu Glu Val Leu Gln Gly Glu Gln Gly Asp Phe Asn Asp Asp Asp Thr  
 770 775 780  
 Glu Pro Glu Asn Leu Gly His Arg Pro Leu Leu Met Asp Ser Glu Asp  
 785 790 795 800  
 Glu Glu Glu Glu Lys His Ser Ser Asp Ser Asp Tyr Glu Gln Ala  
 805 810 815  
 Lys Ala Lys Tyr Ser Asp Met Ser Ser Val Tyr Arg Asp Arg Ser Gly  
 820 825 830  
 Ser Gly Pro Thr Gln Asp Leu Asn Thr Ile Leu Leu Thr Ser Ala Gln  
 835 840 845  
 Leu Ser Ser Asp Val Ala Val Glu Thr Pro Lys Gln Glu Phe Asp Val  
 850 855 860  
 Phe Gly Ala Val Pro Phe Phe Ala Val Arg Ala Gln Gln Pro Gln Gln  
 865 870 875 880  
 Glu Lys Asn Glu Lys Asn Leu Pro Gln His Arg Phe Pro Ala Ala Gly  
 885 890 895  
 Leu Glu Gln Glu Glu Phe Asp Val Phe Thr Lys Ala Pro Phe Ser Lys  
 900 905 910  
 Lys Val Asn Val Gln Glu Cys His Ala Val Gly Pro Glu Ala His Thr  
 915 920 925  
 Ile Pro Gly Tyr Pro Lys Ser Val Asp Val Phe Gly Ser Thr Pro Phe  
 930 935 940  
 Gln Pro Phe Leu Thr Ser Thr Ser Lys Ser Glu Ser Asn Glu Asp Leu  
 945 950 955 960

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Fig. 2 (continued)

Phe Gly Leu Val Pro Phe Asp Glu Ile Thr Gly Ser Gln Gln Lys  
 965 970 975  
 Val Lys Gln Arg Ser Leu Gln Lys Leu Ser Ser Arg Gln Arg Arg Thr  
 980 985 990  
 Lys Gln Asp Met Ser Lys Ser Asn Gly Lys Arg His His Gly Thr Pro  
 995 1000 1005  
 Thr Ser Thr Lys Lys Thr Leu Lys Pro Thr Tyr Arg Thr Pro Glu Arg  
 1010 1015 1020  
 Ala Arg Arg His Lys Lys Val Gly Arg Arg Asp Ser Gln Ser Ser Asn  
 1025 1030 1035 1040  
 Glu Phe Leu Thr Ile Ser Asp Ser Lys Glu Asn Ile Ser Val Ala Leu  
 1045 1050 1055  
 Thr Asp Gly Lys Asp Arg Gly Asn Val Leu Gln Pro Glu Glu Ser Leu  
 1060 1065 1070  
 Leu Asp Pro Phe Gly Ala Lys Pro Phe His Ser Pro Asp Leu Ser Trp  
 1075 1080 1085  
 His Pro Pro His Gln Gly Leu Ser Asp Ile Arg Ala Asp His Asn Thr  
 1090 1095 1100  
 Val Leu Pro Gly Arg Pro Arg Gln Asn Ser Leu His Gly Ser Phe His  
 1105 1110 1115 1120  
 Ser Ala Asp Val Leu Lys Met Asp Asp Phe Gly Ala Val Pro Phe Thr  
 1125 1130 1135  
 Glu Leu Val Val Gln Ser Ile Thr Pro His Gln Ser Gln Gln Ser Gln  
 1140 1145 1150  
 Pro Val Glu Leu Asp Pro Phe Gly Ala Ala Pro Phe Pro Ser Lys Gln  
 1155 1160 1165

Fig.

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cttcacgt	ccctcgccc	tccagctc	cgccgggacc	atgaagaagt	tctctcgat	120
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Fig. 3 (continued)

ccctcaagag ttctcaccag	ccttagtttc ctacacttca tcacttccag ctcagggtgg	1860
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Fig. 4

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